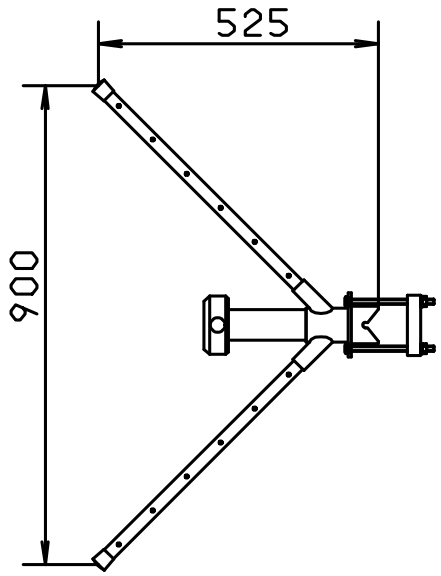
COMROD AV40-330

328 - 336 MHz

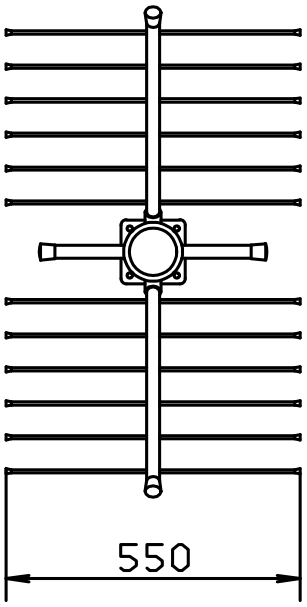


Application:

AV40-330 is a halfwave dipole with a 90^0 cornerreflector designed for fairfield ILS-glidepath monitoring. Weather protection is achieved by embedding all conductors in glassfibre reinforced polyester. Cavities are filled with polyurethane foam.

Electrical specifications:

Frequency range	328-336 MHz
Nominal impedance	50 ohm
Power rating	50 W
Gain	9.5 dbi
3-db beamwidth E-plane: 3-db beamwidth H-plane:	+/- 30^0 +/- 32^0
Polarization	Linear
Connector	N-connector female
VSWR	< 1.5



Dimensions in mm.

Mechanical specifications:

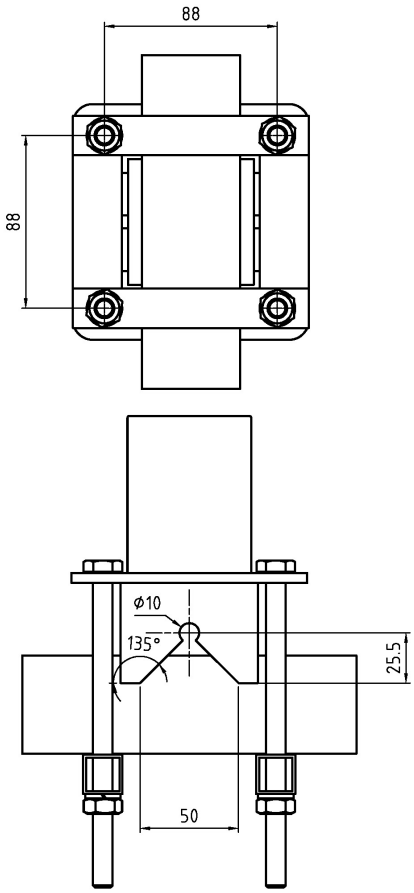
Design	Halfwave dipole. Radiating elements completely enclosed in polyurethane foam within a fiberglass tube. Hot dip galvanized mounting hardware.
Height	see drawing
Weight	2.6 kg
Wind rating	55 m/s = 125 mph
Finish	Polyurethane lacquer, white
Temperature range	-55 ^{0}C, +55 ^{0}C; -67 ^{0}F, +131 ^{0}F

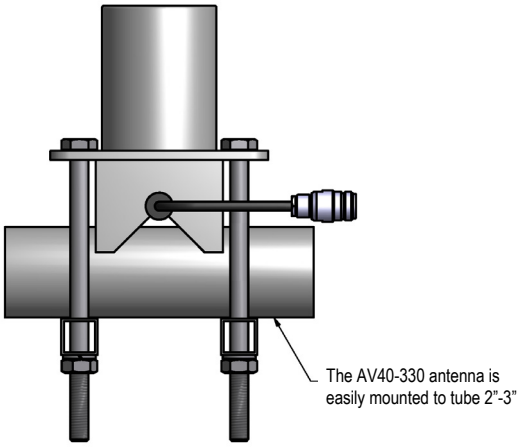
Mounting:

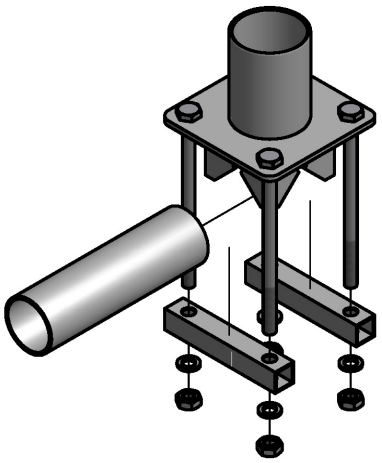
The AV40-330 antenna is easily mounted to tube 2"-3".
The mounting hardware is suitable for both horizontal and vertical polarization.

Suitable cable: RG8, RG213 or similar.

Comrod A/S, N-4124 Tau - Norway. Telephone (+47) 51740500. Telefax (+47) 51740501. E-mail: sales@comrod.com







The mounting hardware is suitable
for both
horizontal and vertical polarization